

REMARKS

By this amendment, claims 1, 5, and 11 have been amended. Accordingly, claims 1-11 are currently pending in the application, of which claims 1, 5 and 11 are independent claims.

Applicant respectfully submits that the above amendments do not add new matter to the application and are fully supported by the specification. Support for the amendments may be found at least at page 13, lines 9-15 of the specification and Figures 6D and 9E.

In view of the above Amendment and the following Remarks, Applicant respectfully requests reconsideration and timely withdrawal of the pending objections and rejections for the reasons discussed below.

Rejections Under 35 U.S.C. § 102

Claims 1-11 stand rejected under 35 U.S.C. § 102(e) as being anticipated by U. S. Patent No. 6,617,802 issued to Roh (“Roh”). This rejection is respectfully traversed for at least the following reasons.

In order for a rejection under 35 U.S.C. § 102(e) to be proper, a single reference must disclose every claimed feature. To be patentable, a claim need only recite a single novel feature that is not disclosed in the cited reference. Thus, the failure of a cited reference to disclose one or more claimed features renders the 35 U.S.C. § 102(e) rejection improper.

Claim 1 as amended recites, *inter alia*, “a current path for generating the falling ramp waveform includes the main path switch and the second switch, the second switch being a sustain unit switch.” Claim 5 as amended recites, *inter alia*, a “turning on the main path switch forms a current path including the main path switch and the second voltage, and generates a falling ramp waveform in the scan electrode, the second voltage being a sustain unit voltage.”

Claim 11 as amended recites, *inter alia*, “a current path for generating the falling ramp waveform includes the main path switch and the second switch, the second switch being a sustain unit switch.”

Roh does not disclose these features. Rather, in Roh, a current path for generating the falling ramp waveform in a scan electrode includes a separating switch (Yp), a ramp waveform generator switch (Yfr), and a ground terminal, all of which are distinct and separate from the sustain switches in the sustain unit. As disclosed in the current application’s specification, conventional PDP driving circuits, such as that disclosed in Roh, use a separating switch to prevent “high voltage for supplying a reset waveform from being supplied to a circuit for supplying sustain waveforms.” See Specification, page 5, lines 10-13. Roh’s falling ramp waveform current path does not include any components from Roh’s sustain switches or voltages from the sustain unit. Accordingly, Roh does not disclose elements of this application’s independent claims as amended: “a current path for generating the falling ramp waveform includes the main path switch and the second switch, the second switch being a sustain unit switch,” or “turning on the main path switch forms a current path including the main path switch and the second voltage, and generates a falling ramp waveform in the scan electrode, the second voltage being a sustain unit voltage.”

Since none of the other prior art of record discloses or suggests all the features of the claimed invention, Applicants respectfully submit that independent claims 1, 5 and 11, and all the claims that depend therefrom are allowable. Accordingly, Applicants respectfully request withdrawal of the 35 U.S.C. § 102(e) rejection of claims 1-11.

CONCLUSION

Applicant believes that a full and complete response has been made to the pending Office Action and respectfully submits that all of the stated objections and grounds for rejection have been overcome or rendered moot. Accordingly, Applicant respectfully submits that all pending claims are allowable and that the application is in condition for allowance.

Should the Examiner feel that there are any issues outstanding after consideration of this response, the Examiner is invited to contact the Applicant's undersigned representative at the number below to expedite prosecution.

Prompt and favorable consideration of this Reply is respectfully requested.

Respectfully submitted,

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